



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

PRELIMINARY ISSUE

POSITIVE RECALL

EFFECTIVE 2022.14

RELEASED DATE

D5797-1

Job Sheet 206964



Part No: D5797-1

Job Qty: 4 pcs

DAS

13

9-00

FEB 18 2020

Part Name: Spring, LH



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/14/20

Job Tracking No:

Due Date: 3/13/20

Created By: Linda Lacelle

Type: Stock

Description:

Note: DWG D5797 REV.A IPP REV:A NEW ISSUE 20.01.14 JV VERF:DD

Ship Via:

### Bill of Materials

### Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
							Workcenter / Supplier Lead Time	
100	Purchasing	4 pcs		3/13/20	0.00	0.00	Purchasing - 1	MAR 06 2020
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	4 pcs		3/13/20	0.00	0.00	Packaging 2 - 1 - B4B	MAR 06 2020
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	



Container No: S261453



Part: D5797-1

Job No: 206964

Serial No/Batch: S261453

Revision: REV.A

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Date: 03/06/20



				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
				Packaging 2 - 37 - B4B	
120 QC 6	4 pcs	3/13/20	0.00 0.00	QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
				QC 6 - 40	DAS MAR 1 0 2020 40
				QC 6 - 81	9-89
130 Packaging 3-1 - Stock - B4B	4 pcs	3/13/20	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	MFL
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
140 QC 21 - SA	4 pcs	3/13/20	0.00 0.00	QC 21 - SA - 21	DAS
				QC 21 - SA - 70	21
				QC 21 - SA - 53	9-36
				Broussard	MAR 1 1 2020

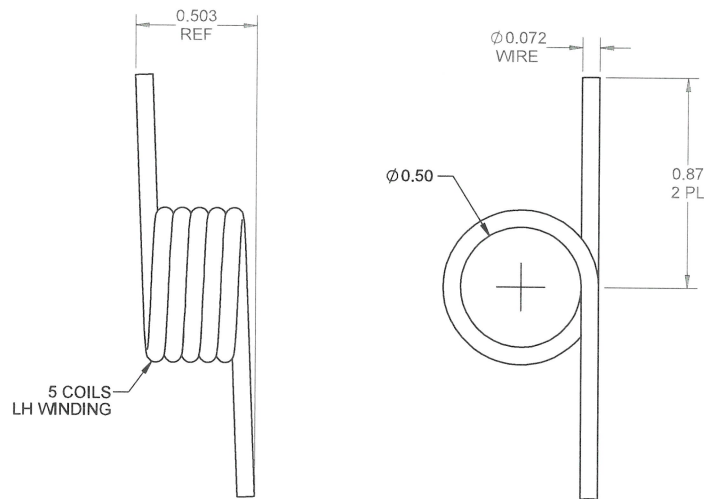
Part Op 100 - Issue P/O: \_\_\_\_\_ Manufacture D5797-1 as per dwg C OF C IS REQUIRED  
 Descriptions: 110 - (Receive & Inspect for Damage & Mat'l Certs) Ensure certificate of conformity is attached  
 120 - (QC6- All purchased or subcontracted products)  
 130 - Identify as per dwg & Stock Location: \_\_\_\_\_  
 140 - QC21- Final Inspection - Work Order Release



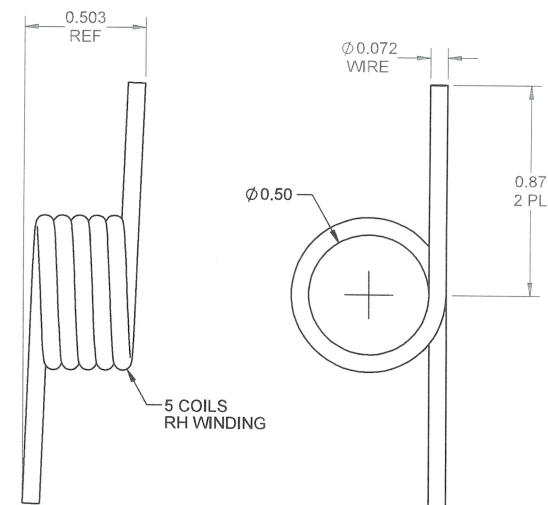
Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
D5797-1P	Spring, LH	4 Ea (1 ea)	100-Purchasing	5261452
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	D5797-1P	4	0	0
Part Specifications				
Specifications could not be found.				

Plex 2/14/20 1:06 PM dart.lacelle.linda





**D5797-1 SPRING, LH**  
(DERIVED FROM AERO DESIGN P/N 36278-01)



**D5797-2 SPRING, RH**  
(DERIVED FROM AERO DESIGN P/N 36278-01)

**NOTES:**

- 1) MATERIAL: 302 STAINLESS STEEL SPRING WIRE, 0.072 DIA  
PER ASTM A313  
REF DART SPEC M302SW
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5797-1" AND SERIAL NUMBER PER DART QSI 044 6.7
- 7) WEIGHT: 0.01 lbs

**PRELIMINARY ISSUE**

**PRELIMINARY ISSUE**

A		NEW ISSUE		ZF	20.01.10
REV.		DESCRIPTION		BY	DATE
DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA DRAWING NO. <b>D5797</b> REV. A3 SHEET 1 OF 1 SCALE NTS <b>SPRING</b> <small>COPYRIGHT © 2020 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>			
DRAWN	ZF				
CHECKED	KPT				
MFG. APPR.	DD				
APPROVED					
DE APPR.					
DATE	20.01.10				





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB045872



**Supplier:** VIC002-VC  
Victory Spring Ltd.  
3810 - 51 Ave.  
Edmonton  
AB  
T6B 3T5 Canada  
Phone: 780 442 4020  
Fax: 780 466 8000

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** POHB045872

**PO Date:** 2/18/20

**Due Date:** 3/2/20

**Purchase Order  
Revision:**

FEB 18 2020

**Revision Date:**

**Issued By:** Lavoie, Chantal  
Phone: 613-623-5200 Ext: 242  
Fax: 613-632-1053  
clavoie@dartaero.com

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

Items														
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	206964	D5797-1P	D5797 REV.A			Spring, LH AS PER DWG D5797 REV. A3 PRELIM.	Firmed X29	-	3/2/20	24 Ea 29	0 Ea	24 Ea	\$5.71/Ea	\$137.04
2	206965	D5797-2P	D5797 REV.A			Spring, RH AS PER DWG D5797 REV. A3 PRELIM.	Firmed X25		3/2/20	24 Ea 25	0 Ea	24 Ea	\$5.71/Ea	\$137.04
Grand Total:														\$274.08

### Order Notes

Procurement Quality Clauses  
A005 RIGHT OF ENTRY  
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)  
A012 CHEMICAL AND PHYSICAL TEST REPORTS  
A016 PERSONNEL QUALIFICATION  
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)  
A026 CERTIFICATION OF MATERIAL CONFORMANCE  
A041 QUALITY MANAGEMENT SYSTEM  
A042 DART NOTIFICATION BY SUPPLIER  
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 2/18/20 10:18 AM Dart.Lavoie.Chantal





Wire & Steel Company  
of Canada Ltd

WIRE & STEEL COMPANY OF CANADA LTD  
TEL: 905-709-1111 / 800-387-2444  
ALTIMA OSCIILLATIONS / DESIGN / CUSTOM PROCESSING  
INDUSTRIAL CHEMICALS / SPECIALTIES

Customer PO#: 17821

Page: 1 Of 3

Date Ordered: 04-Sep-2015

Sales Rep: Jonathan

Customer #: 20612

Description: T302 Soap Coat Stainless Wire Spring .0720

Size: .072" x coil

Edge:

Qty Ordered: 50.00

Specification: Astm a 313-13

Gibbs Product Code: 811-18-0720-01

Size Tolerance: --

Customer Part #:

### Material Certification

Qty Shipped: 52.00

# Coils: 1

Heat #: 357014

C: .043

Mn: 1.570

P: .031

S: .001

Si: .340

Cu: .450

Ni: 9.050

Cr: 18.170

Mo: .320

V:

Sn:

Ti:

Al:

Be:

N: .040

Tensile: 260,000 / 262,000

Yield: N.A. / N.A.

Elong.: N.A. / N.A.

Hardness : N.A. / N.A.

Grain: N.A. / N.A.

Cond. Ch900 : N.A. / N.A.

#### Comments:

Mill & Melt Source - Sumiden -  
USA

Rohs & Dfars Compliant 302/304

*Jim Carroll*

Quality Department

Based on our Supplier's analysis

Q405, Rev. No: 001/07 BR 03/06/07

The order will be billed at the price prevailing at the time of shipment

Packing List #: 121610

Sch'd to Ship: Sep 10 2015

Ship To: Victory Spring Company  
#2 - 6104 82 Ave.  
Edmonton

Alberta, T6B 0E7

Ship Via: apex

F.O.B.: Brampton

Terms: Collect

Sold To: Victory Spring Company  
#2 - 6104 82 Ave.  
Edmonton, Alberta  
T6B 0E7

Quantity Shipped (lbs): 52.00

Gross Weight (lbs): 0.00

Packaging Description: 121610

Shipper: Gibbs Wire & Steel

Per: \_\_\_\_\_

Date: \_\_\_\_\_

Agent: \_\_\_\_\_

Per: \_\_\_\_\_

Date: \_\_\_\_\_

All claims for shortages must be made with 10 days.  
Goods may NOT be returned without a  
Gibbs authorization number.



## CERTIFICATE OF CONFORMANCE

REPORT FOR : Dart Aerospace Ltd.	DATE: 2020-03-02
PART/DRAWING #: D5797-1P & D5797-2P	PO # POHB045872
DESCR: Spring LH & Spring RH	QUANTITY: 24 + 24

DAS  
40  
9-89

CHARACTERISTIC	SPECIFIED	MEASURED	NOTES
Material type	SS302	yes	
Material diameter	0.07	0.072	
Coil I.D.	0.500	.500"	
Coil O.D.		0.644"	
Number of Coils	5 ref	5.0	
End Type	straight legs 0.87"	yes	
Helix	Both	Yes	

### COMMENTS

Mill Certificate attached: Yes  
Material Heat Number: 357014

Inspected by: *Jeremy Burrowes*





3810 - 51 Ave  
Edmonton, AB T6B 3T5  
t + 780 442 4020  
e + accounts@victoryspring.ca

## PACKING SLIP

Packing Slip: 46422  
Date: Mar 02, 2020  
Order Ref: POHB045872

**Sold to:**

Dart Aerospace Ltd  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7

**Ship to:**

Dart Aerospace Ltd  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7

Shipped By: FedEx Ground

Shipped Quantity	Backorder Quantity	Unit	Item No.	Description	Price
24		EACH		D5797-1P Spring LH	5.71
24		EACH		D5797-2P Spring RH	5.71
<div>RECEIVED MAR 05 2020 DART AEROSPACE LTD.</div>					
Comment: FedEx 9672-0422-1 (7779-1029-0992) ground.					